#### 10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV—Continued

#### WATER-QUALITY RECORDS

PERIOD OF RECORD.--November and December 1993, May to June 1996, November 1996 to current year.

#### PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: May 1995 to June 1996 (seasonal), November 1996 to current year.

WATER TEMPERATURE: May 1995 to June 1996 (seasonal), November 1996 to current year.

INSTRUMENTATION.--Specific conductance and water temperature monitor May 1995 to June 1996, November 1996 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C. Interruptions in record due to partial or no flow during the day or during some days.

#### EXTREMES FOR PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: Maximum, 931 microsiemens, cm at 25°C, October 17, 2000; minimum, 143 microsiemens, cm at 25°C, May 12, 1998. WATER TEMPERATURE: Maximum recorded, 34.0°C, July 24, 2004; minimum daily, freezing point many days during winter months of most years.

#### EXTREMES FOR CURRENT YEAR .--

SPECIFIC CONDUCTANCE: Maximum, 916 microsiemens/cm at 25°C, July 19; minimum, 358 microsiemens/cm at 25°C, June 22. WATER TEMPERATURE: Maximum, 34.0°C, July 24; minimum, 0.0°C, on several days.

## SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
	(	OCTOBER	₹	NOVEMBER			D	ECEMBE	ER	JANUARY			
1				698	390	492							
2				391	376	383							
3				380	373	377							
4				381	375	378							
5				383	379	381							
6				385	378	381							
7				396	382	390	789	722	756				
8				402	388	395	767	492	573				
9				409	396	403	492	431	456				
10				414	407	410	433	426	429				
11				419	407	413	427	422	425				
12				434	417	427	429	423	426				
13				455	434	446	430	425	428				
14				473	452	464	430	423	426	736	531	612	
15				480	471	476	429	425	426	532	459	490	
16				498	477	490	432	427	429	461	454	458	
17							436	428	432	460	453	456	
18							450	435	443	458	452	454	
19							464	450	457	460	453	456	
20							475	462	470	460	454	457	
21							486	473	481	461	452	456	
22							501	484	493	460	453	456	
23							505	494	500	460	450	456	
24							506	502	504	461	455	458	
25										465	455	460	
26										465	455	459	
27										463	452	457	
28										461	450	456	
29										458	451	455	
30										456	446	451	
31										453	444	448	
MONTH				698	373	419	789	422	475	736	444	466	

### 10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV—Continued

# SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
		FEBRUAR	Y		MARCH			APRIL			MAY			
1 2 3 4 5	452 451 450 448 450	444 442 442 441 440	447 447 446 445 445	534 528 534 538 538	512 507 520 521 521	522 517 525 527 527	572 582 589 585	556 559 561 570	561 569 575 575	568 580 592 600 607	537 549 559 568 578	551 563 573 583 589		
6 7 8 9 10	450 450 449 448 445	440 440 440 440 437	444 444 443 441	542 546 551 558 564	524 526 529 535 539	530 534 540 544 549	  	  	  	   	  	  		
11 12 13 14 15	447 456 444 444 444	436 442 438 437 436	441 447 442 439 439	583 452 450 449 450	452 443 442 441 443	528 447 445 445 446	  	  	  	   	  	  		
16 17 18 19 20	445 452 457 447 445	437 438 442 440 440	440 445 449 442 442	451 454 469 485 493	443 444 448 466 478	446 448 460 476 485	   714	   468	   496	   	  	   		
21 22 23 24 25	445 464 480 491 492	440 444 464 475 483	442 454 473 483 488	502 509 516 522 530	486 491 498 507 512	492 499 506 513 518	479 472 470 488 510	465 462 461 461 487	473 467 466 475 499	   	  	  		
26 27 28 29 30 31	504 510 513 523	485 496 503 509	494 501 507 516 	538 545 553 558 563 577	516 522 528 533 544 552	525 531 538 545 554 561	524 531 539 548 559	501 512 520 523 530	512 521 527 534 542	   	   	   		
MONTH	523	436	456	583	441	507	714	461	519	607	537	572		
		JUNE			JULY			AUGUST			SEPTEMBER			
1 2 3 4 5	   	  	  	464 490 512 533 551	434 462 487 497 502	452 474 498 514 526	  	  	  	  	  	  		
6 7 8 9 10	767 771 774 779	605 631 737 508	662 717 756 742	553 581 592 599 619	522 540 555 567 572	539 562 573 582 596	  	  	   	   	  	  		
11 12 13 14 15	508 399 395 392 385	396 390 385 383 377	406 395 391 388 381	632 628 620 	592 599 600 	610 613 609	  	  	  	   912	   385	   478		
16 17 18 19 20	389 434 470 508 515	374 386 434 468 385	382 408 454 488 432	 909 916 679	867 600 636	887 773 659	   	  	   	395 400 399 418 453	386 390 392 395 417	390 395 395 406 437		
21 22 23 24 25	388 371 375 379 381	370 358 364 362 365	376 364 368 372 374	721 704 702 703	670 672 672 676	698 688 686 689	  	  	  	480 502 522 539	451 475 493 514	466 488 507 549		
26 27 28 29 30 31	383 383 383 397 436	364 361 361 370 396	375 374 373 384 412	   	   	   	   	   	   	   	   	   		
MONTH YEAR	779 916	358 358	449 488	916	434	611				912	385	451		

## 10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV—Continued

## TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER		N	OVEMBE	R	D	ECEMBE	R		JANUARY	7
1 2				9.0 7.0	5.0 5.5	7.0 6.5						
3 4				8.5 8.5	5.5 5.5	6.5 7.0						
5				9.0	6.5	7.5						
6				8.0	5.5	6.5						
7 8				8.5 7.0	5.0 5.0	6.5 6.0	5.5 6.0	4.5 2.5	4.5 4.0			
9 10				10.0 10.0	5.5 5.5	7.0 7.0	3.5 4.0	1.5 1.5	2.0 2.5			
11				8.5	4.5	6.0	5.0	3.0	3.5			
12 13				9.0 10.5	3.5 5.5	5.5 7.0	3.0 4.5	2.0 2.5	2.5 3.5			
14				10.0	3.5	6.0	4.5	2.0	3.0	2.5	0.0	0.5
15				6.0	4.0	5.0	2.5	0.5	1.5	1.5	0.0	0.5
16 17				9.5 	2.5	6.0	2.5 2.0	$0.0 \\ 0.0$	1.0 1.0	3.0 3.5	0.5 1.5	1.5 2.0
18 19							3.0 2.0	$0.0 \\ 0.0$	0.5 0.5	3.5 4.0	2.0 2.0	2.5 2.5
20							3.0	0.0	1.5	4.0	2.5	3.5
21 22							5.0 3.5	0.5 0.0	2.0 1.5	4.0 2.5	1.5 0.5	2.5 1.5
23							4.5	1.0	2.5	2.5	0.0	1.0
24 25							2.0	1.5	2.0	4.0 4.5	1.0 1.5	2.5 3.0
26										2.5	0.5	1.5
27 28										2.5 3.0	1.5 1.0	2.0 2.0
29 30										4.5	1.5	3.0
31										4.0 5.0	3.0 3.5	3.5 4.0
MONTH				10.5	2.5	6.4	6.0	0.0	2.2	5.0	0.0	2.2
		FEBRUAR	Y		MARCH			APRIL			MAY	
1	4.5	2.5	3.5	11.0	4.5	7.0	14.5	8.0	11.0	25.0	10.5	17.5
2 3	4.0 4.0	3.5 2.5	4.0 3.5	9.0 11.0	4.5 4.5	6.0 7.0	19.5 22.0	5.5 7.5	12.0 14.5	27.0 28.5	12.5 15.5	19.5 21.0
4 5	4.0 4.0	3.0 1.5	3.5 3.0	12.0 13.5	4.5 4.5	7.5 8.5	16.5	11.5	13.5	27.5 27.5	14.5 14.0	19.5 17.5
6	3.0	1.0	2.5	17.0	6.5	11.0						
7 8	4.0 4.0	2.5 1.5	3.0 2.5	17.5 18.5	6.0 6.0	11.0 12.0						
9	4.5	2.5	3.5	20.0	7.0	12.5						
10	4.5	2.0	3.0	21.0	8.5	14.0						
11 12	4.0 4.0	1.5 1.5	3.0 3.0	14.0 13.5	6.5 9.5	11.0 11.5						
13 14	3.5 5.0	2.0 2.5	3.0 3.5	13.5 14.0	9.5 10.5	11.5 12.5						
15	6.0	4.0	4.5	15.0	11.5	13.5						
16 17	6.0 7.5	5.0 4.5	5.5 6.0	14.5 15.0	11.5 11.5	13.0 13.5						
18	7.0	5.5	6.5	16.0	11.0	13.5						
19 20	7.0 7.0	4.0 4.5	5.5 6.0	18.0 19.0	13.0 11.0	14.5 14.5	14.5	12.5	13.5			
21	8.0	5.5	6.5	20.0	12.0	15.0	15.5	11.0	13.5			
22 23	8.0 8.5	6.0 5.5	7.0 6.5	21.0 21.5	13.0 12.5	16.0 16.0	15.5 16.5	11.0 11.5	13.5 14.0			
24	10.0	4.5	6.5	21.0	11.5	15.5	18.0	13.0	15.5			
25 26	6.5	5.0 4.0	6.0	17.5	10.0 9.0	13.5 12.5	20.0	13.5 14.0	16.5 17.5			
26 27	11.5 10.5	4.5	7.0 7.0	17.5 20.5	8.0	13.0	22.0 23.5	15.0	18.0			
28 29	8.5 12.0	4.0 4.0	6.0 7.0	20.0 20.5	8.0 8.5	13.5 14.0	20.0 22.5	13.0 10.5	16.5 15.5			
30 31				19.0 23.0	11.0 9.0	14.0 14.5	24.5	9.5	16.0			
MONTH	12.0	1.0	4.8	23.0	9.0 4.5	12.4	24.5	5.5	 14.7	28.5	10.5	19.0
MONTH	12.0	1.0	4.8	23.0	4.3	12.4	24.5	3.3	14./	28.5	10.5	19.0

## 10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV—Continued

# TEMPERATURE, WATER, DEGREES CELSIUS WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
		JUNE		JULY				AUGUST			SEPTEMBER			
1 2				29.5 30.5	19.5 19.0	22.5 23.0								
3				29.0	19.5	23.0								
4				31.5	18.5	23.5								
5				33.0	19.5	25.0								
6				32.5	21.0	25.0								
7	29.5	16.0	20.0	32.0	19.5	24.0								
8 9	27.0 21.5	14.0 14.5	18.5 17.5	32.5 33.5	18.5 21.0	24.5 25.5								
10	28.0	14.0	19.0	32.5	17.5	23.5								
11	22.5	18.0	20.5	32.5	17.5	24.0								
12	23.5	19.5	21.5	33.5	18.0	24.5								
13	24.5	20.0	22.5	32.0	18.5	21.5								
14	25.0	21.0	23.0											
15	24.5	21.0	23.0							19.0	13.0	17.0		
16	24.5	20.5	22.5							20.0	16.5	18.5		
17	26.0	21.0	23.0							20.0	17.5	19.0		
18	27.0	19.5	22.0	23.0	21.0	22.0				20.0	16.5	18.0		
19	29.0	19.5	23.0	23.0	20.5	21.5				16.5	14.0	15.5		
20	26.0	21.5	23.5	30.0	20.5	26.5				16.0	12.0	13.5		
21	26.0	22.0	24.0	31.0	20.0	24.5				19.5	9.0	13.0		
22	25.0	21.5	23.5	33.0	21.0	25.0				20.5	8.0	13.5		
23	26.5	21.5	23.5	33.5	21.0	26.0				21.5	10.0	15.0		
24	26.0	22.0	24.0	34.0	22.0	26.5				24.5	11.5	16.5		
25	26.5	21.5	23.5											
26	26.5	21.5	24.0											
27	26.5	22.0	24.0											
28	26.5	22.5	24.5											
29	27.5	22.0	24.0											
30 31	26.5	20.5	23.0											
31														
MONTH	29.5	14.0	22.4	34.0	17.5	24.1				24.5	8.0	15.9		
YEAR	34.0	0.0	11.8											